| | Туре | L# | Hits | Search Text | DBs |
|----|------|-----|------|--------------------|-------|
| 1 | IS&R | L1 | 106 | ("359/802").CCLS. | USPAT |
| 2 | IS&R | L2 | 200 | ("359/809").CCLS. | USPAT |
| 3 | IS&R | L3 | 85 | ("359/810").CCLS. | USPAT |
| 4 | IS&R | L4 | 205 | ("359/811").CCLS. | USPAT |
| 5 | IS&R | L5 | 70 | ("359/815").CCLS. | USPAT |
| 6 | IS&R | L6 | 118 | ("359/818").CCLS. | USPAT |
| 7 | IS&R | L7 | 236 | ("359/822").CCLS. | USPAT |
| 8 | IS&R | L8 | 90 | ("359/829").CCLS. | USPAT |
| 9 | IS&R | L9 | 89 | ("359/830").CCLS. | USPAT |
| 10 | IS&R | L10 | 552 | ("359/630").CCLS. | USPAT |
| 11 | IS&R | L11 | 70 | ("359/632").CCLS. | USPAT |
| 12 | IS&R | L12 | 51 | ("2/6.3").CCLS. | USPAT |
| 13 | IS&R | L13 | 253 | ("2/410").CCLS. | USPAT |
| 14 | IS&R | L14 | 46 | ("2/417").CCLS. | USPAT |
| 15 | IS&R | L15 | 109 | ("2/418").CCLS. | USPAT |
| 16 | IS&R | L16 | 37 | ("2/419").CCLS. | USPAT |
| 17 | IS&R | L17 | 167 | ("2/452").CCLS. | USPAT |
| 18 | IS&R | L18 | 121 | ("2/453").CCLS. | USPAT |
| 19 | IS&R | L19 | 498 | ("2/10").CCLS. | USPAT |
| 20 | IS&R | L20 | 162 | ("2/15").CCLS. | USPAT |
| 21 | IS&R | L21 | 0 | ("24/17.13").CCLS. | USPAT |
| 22 | IS&R | L22 | 208 | ("24/3.13").CCLS. | USPAT |
| 23 | IS&R | L23 | 253 | ("24/30.5p").CCLS. | USPAT |
| 24 | IS&R | L24 | 197 | ("24/188").CCLS. | USPAT |
| 25 | IS&R | L25 | 454 | ("24/170").CCLS. | USPAT |

| | Туре | L # | Hits | Search Text | DBs |
|----|------|-----|------|-------------------|-------|
| 26 | IS&R | L26 | 38 | ("24/190").CCLS. | USPAT |
| 27 | IS&R | L27 | 106 | ("24/3.11").CCLS. | USPAT |
| 28 | IS&R | L28 | 139 | ("24/3.3").CCLS. | USPAT |
| 29 | IS&R | L29 | 449 | ("24/17a").CCLS. | USPAT |

| | L# | Hits | Search Text | DBs |
|---|----|------|-------------------|-------|
| 1 | L1 | 134 | ("24/3.3").CCLS. | USPAT |
| 2 | L2 | 283 | ("24/3.6").CCLS. | USPAT |
| 3 | L3 | 112 | ("24/3.7").CCLS. | USPAT |
| 4 | L4 | 53 | ("24/3.8").CCLS. | USPAT |
| 5 | L5 | 206 | ("24/3.13").CCLS. | USPAT |

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| | L # | Hits | Search Text | DBs |
|----|-----|------|-------------------------------------|-------|
| 1 | L1 | 249 | ("2/410").CCLS. | USPAT |
| 2 | L2 | 37 | ("2/419").CCLS. | USPAT |
| 3 | L3 | 213 | ("2/421").CCLS. | USPAT |
| 4 | L4 | 1 | buttoning adj hole | USPAT |
| 5 | L5 | 1576 | belt near2 hole | USPAT |
| 6 | L7 | 45 | 6 and sleeve | USPAT |
| 7 | L6 | 215 | 5 and clamp | USPAT |
| 8 | L8 | 1806 | head adj (strap or belt or band) | USPAT |
| 9 | Ь9 | 414 | 8 and hole | USPAT |
| 10 | L10 | 66 | 9 and sleeve | USPAT |

.

| | Document ID | Issue Date | Pages | Title | Current OR |
|---|--------------|------------|-------|---|------------|
| 1 | US 6011653 A | 20000104 | 34 | Head-mounted display | 359/630 |
| 2 | US 5808801 A | 19980915 | 25 | Head mount display and an optical system for use in the display | 359/630 |

```
US 6049917 A
                20000418
                                         Air injection sports goggle and method
                                                                                  2/436
                                                                                          Ryden, William Dennis
US 6038707 A
                20000321
                                5
                                         Sports goggle having a ventilating fan
                                                                                  2/436
                                                                                          Ryden, William Dennis, et al.
                19991228
                                8
                                         Cover for headband size regulator 2/209.13 Walsh, Dennis
US 6006362 A
                19991130
                                67
                                         Remote actuation of trajectory guide
                                                                                  606/130 Truwit, Charles L.
US 5993463 A
                                5
                                         Structural improvements of earphone signal cord
US 5991422 A
                19991123
                                                                                          381/370 Chiang, Chao-Ning
                                15
                19990105
                                         Noninvasive stereotactic apparatus and method for relating data between
US 5855582 A
devices 606/130 Gildenberg, Philip L.
US 5832926 A
                19981110
                                 16
                                         Head support device
                                                                  128/845 Towlen, Paul Raymond
US 5797955 A
                19980825
                                 13
                                         Pressure application unit for positioning vertebra
                                                                                          606/204 Walters, David J.
US 5771878 A
                19980630
                                7
                                         Safety knob
                                                         126/42 Lewis, Luke E., et al.
                                6
US 5558090 A
                19960924
                                         Multi-purpose head-mounted adjustable medical tube holder 128/207.18
                                                                                                                   James.
Lonnie A.
                                89
                                                                                                   112/103 Tajima, Ikuo, et
US 5553560 A
                19960910
                                         Sewing machine and work fabric holder device thereof
al.
US 5546611 A
                19960820
                                9
                                         High performance swim goggle structure
                                                                                  2/428
                                                                                          Lathrop, Kim N.
                                10
                                         Earmuff assembly
                                                                 2/209
US 5528774 A
                19960625
                                                                         Sanders, Linda I.
US 5527316 A
                19960618
                                13
                                         Surgical reamer 606/80 Stone, Kevin T., et al.
                19950502
                                12
                                         Head and hip mounted flashlight holding device
                                                                                          362/105 Rising, Brett R.
US 5412545 A
                                 10
                                         Wet mop holder 15/147.1Tomm, Erwin
US 5345643 A
                19940913
                                         Impact absorbing protective cap
US 5319808 A
                19940614
                                12
                                                                          2/416
                                                                                  Bishop, Timothy D., et al.
                                27
US 5274908 A
                19940104
                                         Electronic component mounting apparatus
                                                                                  29/740 Suzuki, Hisao, et al.
                19931123
                                8
                                         Breakaway device for orthodontic traction appliances 433/5 DeWoskin, Irvin S.
US 5263857 A
                                7
                                         Seating device having curved bottom tilting on roller and secured by
US 5249838 A
                19931005
                                                                                                            reeved cable
        297/328 Kulpa, Judith I., et al.
US 5242347 A
               19930907
                                9
                                         Sit down facial and neck muscles exerciser device
                                                                                          482/102 Keeton, Larry N.
US 5144678 A
                19920901
                                6
                                         Automatically switched headset
                                                                          381/384 Lenz, Vernon C.
                                6
US 5062255 A
                19911105
                                         Bridle bit
                                                         54/7;
                                                                 Myler, Ronald J., et al.
US 4989836 A
                19910205
                                6
                                         Detachable wheelchair headrest
                                                                          297/391 Hudson, III, E. W., et al.
                                5
                                         Bridle bit
                                                         54/7;
                                                                 Benjak, Leo, et al.
US 4884390 A
                19891205
                                17
US 4871310 A
                19891003
                                         Functional orthopedic magnetic appliances (fomas)
                                                                                          433/19 Vardimon, Alexander D.
US 4797736 A
                19890110
                                14
                                         Head mounted illumination and camera assembly
                                                                                          348/370 Kloots, Jacobus, et al.
                                         Lubrication system for print hammer pivot pin
                19880712
                                10
                                                                                          101/93.48
                                                                                                           Kotasek, Thomas
US 4756246 A
J., et al.
                                20
                                         System for cooling an area of the surface of an object 607/104 Bitterly, Jack G.
US 4756310 A
                19880712
US 4677976 A
                19870707
                                12
                                         Emergency mask 128/201.25
                                                                         Fujinuma, Katsumi, et al.
                                15
                                         Integrated camcorder viewing and support system
                19870609
                                                                                          348/341 Hawthorne, Louis
US 4672436 A
                                         Safety jump suit uniform and lifting mechanism for miners and other
US 4608716 A
                19860902
                                20
                                                                                                            workers
        2/2.5
                Brumfield, Michael
                                         In-line annular piston fixed bolt regenerative variable charge liquid
US 4586422 A
                19860506
                                                                                                          propellant gun
with variable hydraulic control of piston
                                         89/7
                                                 Magoon, Inder K.
                                         Medical instrument and light pipe illumination assembly
US 4562832 A
               19860107
                                                                                                  600/223 Wilder, Joseph R.
                                9
, et al.
US 4558726 A
                19851217
                                6
                                         Hammer with replaceable head
                                                                                  Clay, Howard W.
                                         Body coordination training aid
                                                                          434/258 Salzman, Norman, et al.
US 4527982 A
                19850709
                                11
US 4464807 A
               19840814
                                11
                                         Floor mop
                                                         15/119.2 Weiss, Roger
US 4455027 A
                19840619
                                         Packer apparatus 277/334;
                                                                          Baski, Henry A.
                                12
                                19
                                         Welding helmet 2/8;
US 4422185 A
                19831227
                                                                  Cook, Reuben E.
                                                                 24/115N Albert, Jr., Frank
US 4395802 A
                19830802
                                14
                                         Bending strain relief
US 4298913 A
                                7
                                         Illuminating apparatus
                                                                 362/103 Lozar, Michael J.
                19811103
                                6
                                         Body traction device
                                                                 606/241 Riggs, Dean D.
US 4282868 A
                19810811
                                24
                                         Head positioning for a belt grinder 451/24 Rettew, Richard
US 4262455 A
                19810421
                                5
                                         Smoking appliance
                                                                  131/178 Waite, Howard W.
US 4200114 A
                19800429
US 4198114 A
                19800415
                                28
                                         Magnifying optical system 359/376 Zapp, Walter
US 4180876 A
               19800101
                                12
                                         Portable toilets 4/321
                                                                 Sargent, Frank T., et al.
                                                                 2/171.03Brock, Louis C., et al.
US 4131954 A
               19790102
                                8
                                         Collapsible headgear
                19780516
                                7
US 4090042 A
                                         Acoustical communications headset379/430 Larkin, Wallace Keith
US 4061177 A
                19771206
                                32
                                         Apparatus and procedure for the belt casting of metal 164/481 Sivilotti, Olivo Giuseppe
US 4027590 A
                                25
                                         Label, ticket and tag printing machine with interchangeable tape supply
                                                                                                              and feeder
                19770607
                101/288 Seidl, Maximilian R., et al.
magazines
US 3968994 A
                19760713
                                14
                                         Auxilliary body restraining device 297/486 Chika, John J.
US 3927599 A
                19751223
                                11
                                         Universal engraving machine
                                                                          409/90 Raymond, Jean-Louis
US 3913164 A
               19751021
                                10
                                         Curling broom 15/210.1 Semenchuk, Joe
```

| US 3888050 A | 19750610 | 19 | Method of and apparatus for rapidly and simultaneously abrading metal workpieces |
|-------------------|--------------------|--------|--|
| in preselected pl | ural numbers | 451/57 | Elm, Donald C. |
| US 3881759 A | 19750506 | 10 | Plastic seal 292/321 Fuehrer, Charles |
| US 3860961 A | 19750114 | 11 | CARD ADAPTER FOR TAPE RECORDER 360/94 Budrose, Charles R. |
| US 3842802 A | 19741022 | 13 | MARKER FOR USE IN THE DETECTION OF OESTRUS IN ANIMALS 600/551 |
| Lang, I | Douglas R., et al. | | |
| US 3802470 A | 19740409 | 13 | COMPOSITE CONTAINER AND METHOD OF HANDLING FLUENT MATERIALS |
| 141/5 | Coleman, Clarer | nce B. | |
| US 3745654 A | 19730717 | 6 | PAIN-ALLEVIATING APPARATUS FOR DENTAL DRILLING 433/29 Ellman, |
| Irving A. | | | , |
| US 3725953 A | 19730410 | 4 | FULL VIEW DIVER'S MASK 2/428 Johnson, Clarence S., et al. |
| US 3712655 A | 19730123 | 7 | PLASTIC SEAL 292/321 Fuehrer, Charles |
| US 3670718 A | 19720620 | 5 | PATIENT CARE WALL 600/21 Brendgord, Thomas |
| US 3666194 A | 19720530 | 16 | REELS FOR STRIP MATERIAL 242/573.8 Gosnell, Walter H. |
| US 3610227 A | 19711005 | 10 | MEANS FOR RECORDING ORAL PROPRIOCEPTION 433/63 Griffin, Clifford |
| John | | | |
| US 3597573 A | 19710803 | 4 | WELDING STUD AND FERRULE-STUD ASSEMBLIES 219/99 Ettinger, Donald |
| H. | | | |
| US 3590888 A | 19710706 | 11 | COMPOSITE CONTAINER AND METHOD OF HANDLING FLUENT MATERIALS |
| 141/5 | Coleman, Clarer | ice B. | · · · · · · · · · · · · · · · · · · · |
| | • | | S Comment of the Comm |

| BRS | L1 | 282 | (head adj belt) or headbelt USPAT; EPO; JPO |
|------|-----|------|--|
| BRS | L3 | 1 | 2 and (movable near plate) USPAT; EPO; JPO |
| BRS | L2 | 105 | 1 and hole USPAT; EPO; JPO |
| BRS | L4 | 2725 | (HEADBELT OR (HEAD ADJ (BELT or band or strap))) USPAT; EPO; JPO |
| BRS | L5 | 807 | 4 and hole USPAT; EPO; JPO |
| BRS | L6 | 2 | (5 AND (MOVABLE NEAR PLATE)) USPAT; EPO; JPO |
| BRS | L7 | 283 | 5 and (clamp\$5 or clip\$5) USPAT; EPO; JPO |
| BRS | L9 | 41 | 8 and (optical or lens oe magnif\$5) USPAT; EPO; JPO |
| BRS | L8 | 141 | 7 and pivot\$5 USPAT; EPO; JPO |
| IS&R | L10 | 0 | ("9011653").PN. USPAT |
| IS&R | L11 | l | ("6011653").PN. USPAT |
| | | | |

| 0 | US 3601595 A | USPAT | 19710824 | 8 | FLASHLIGHTS | 362/190 | Kivela, S | Stanley I | Edward |
|---------|-----------------|---------------------|-----------------|-----------|------------------------------|-------------|--------------|-----------|-------------|
| 0 | US 3610227 A | USPAT | 19711005 | 10 | MEANS FOR RECORD | ING ORAI | PROPI | NOCEP | TION |
| | 433/63 Griffin, | Clifford John | | | | | | | |
| 0 | US 3622233 A | | 19711123 | 3 | HEAD SUPPORT FOR I | DIAGNOS' | TIC API | PARATI | JS |
| · · | | Charles H., et al. | | | | | | | |
| 0 | US 3625471 A | | 19711207 | 6 | WALER BRACKET FO | R A CONC | RETE V | WALL F | ORM |
| U | 249/219.2 | Eriksson, George | | U | WILLIABIOICICETTO | 1071 00110 | JILL I | TIDD I | Oldvi |
| ^ | | | | 12 | ADAPTER ASSEMBLY | EOD A W | EI DINI | e liei N | ET OD |
| 0 | US 3629868 A | | 19711228 | 12 | ADAFTER ASSEMBLT | FOR A W | ELDIN | J HELIV | IET OK |
| THE L | | 128/205.25 | Greenlee, Harr | • | | | | | . |
| 0 | US 3663972 A | USPAT | 19720523 | 10 | LIGHTWEIGHT STRET | CHER | | 5/625 | Denton, |
| Willian | | | | | | | | | |
| 0 | US 3666194 A | USPAT | 19720530 | 16 | REELS FOR STRIP MA | TERIAL | | 242/573 | 3.8 |
| | Gosnell, Walter | H. | | | | | | | |
| 0 | US 3724453 A | USPAT | 19730403 | 5 | SPLINTS | 602/19 | Dixon, A | mers E | rnest, et |
| al. | | | | | | | | | ; |
| 0 | US 3812847 A | USPAT | 19740528 | 8 | COMBINATION BATTI | ERY HAN | DLE-CA | SE FOR | R A PAIR |
| | TACHED, OUTFO | | | | NSTRUMENTS | 600/200 | | | |
| 0 | US 3815465 A | | 19740611 | 5 | BAND SAW | 83/820 | | | |
| 0 | US 3822698 A | | 19740709 | 8 | POWERED AIR-PURIF | | | | |
| U | | | 19740709 | O | FOWERED AIR-FORT | I INO KES | THAT | JK TILL. | VIL I |
| | 128/201.25 | Guy, Richard E. | 10550114 | 11 | CARD ADAPTED FOR | TADE DE | CODDE | , | |
| 0 | US 3860961 A | | 19750114 | 11 | CARD ADAPTER FOR | TAPE REC | CKDE | • | |
| | 360/94 Budrose | | | | | | | | _ |
| 0 | US 3927419 A | USPAT | 19751216 | 11 | CARTRIDGE TAPE PLA | AYER | | 360/94 | Tozawa, |
| Minor | 1 | | | | | | | | |
| 0 | US 4023662 A | USPAT | 19770517 | 5 | Arrangement for adjustin | g the spaci | ng betwe | en a pri | nt head |
| and a p | olaten | 400/57 Perucca, | Vincenzo | | | | | | , |
| 0 | US 4025733 A | | 19770524 | 7 | Pressure seal headband | : | 2/171.2 | Klar, Ir | win, et al. |
| 0 | US 4027590 A | | 19770607 | 25 | Label, ticket and tag print | | | | • |
| tape su | | r magazines | | | Maximilian R., et al. | | | | 0 |
| 0 | US 4044756 A | | 19770830 | 8 | Phosphene generator devi | ice | | 607/90 | |
| U | | | 17770030 | U | i nospiiche generator devi | | | 001,70 | |
| • | Hamilton, Rober | | 10700121 | 10 | De avena an amb al a seculo. | ahain | | 5/601 | Volc |
| 0 | US 4071231 A | USPAT | 19780131 | 19 | Pneumoencephalography | chair | | 3/001 | Kok, |
| | Willem | | | | | | | | |
| 0 | US 4077068 A | USPAT | 19780307 | 6 | Underwater diving mask | | 2/428 | Anderso | on, |
| Richard | | | | | | | | | |
| 0 | US 4115921 A | USPAT | 19780926 | 40 | Extraoral force-applying | orthodontic | c applian | ice | |
| | 433/5 Armstro | ong, Maclay M. | | | | | | | |
| 0 | US 4127065 A | USPAT | 19781128 | 21 | Encoding printing device | | 101/111 | Rybczy | k, Joseph |
| A. | | | | | | | | | |
| 0 | US 4138598 A | USPAT | 19790206 | 4 | Headset construction | | 379/430 | Cech, K | Carl |
| 0 | US 4141152 A | | 19790227 | 7 | Piloting instrument | | 33/355R | | |
| Gordor | | OULAT | | • | | | | , | _ |
| | | TICDAT | 19790508 | 18 | Pneumoencephalography | chair | | 378/178 | R Kok |
| 0 D: | US 4153841 A | USFAI | 17/70300 | 10 | 1 heumocheephalography | Citan | | 5,01110 | , 110m, |
| Pieter | | TIOD A CO | 10700007 | 17 | Disid magnetic disc | | | lovina a | onnar |
| 0 | US 4163996 A | | 19790807 | 16 | Rigid magnetic disc mem | | | | |
| motor | drive and pivot | able head support v | with temperatur | e compens | ation 360/78. | .13 | Kaseta, | Kobert (| J., El al. |
| | | | | | | | | | |

| 0 | US 4170938 A Sato, Yo | USPAT | 19791016 | 15 | Printing head for label prin | nting machine | | 101/111 |
|-------------|--------------------------|------------|-------------------|-----|--|---------------------------------------|---------------|--|
| 0 | US 4180876 A | USPAT | 19800101 | 12 | Portable toilets | 4/321 Sargent | , Frank T | et al |
| Ö | US 4185329 A | | 19800129 | 6 | Welder's shield for electric | • | , 1 141111 1 | 2/8 |
| | Sarazen, Philip R. | | | | | | | 2,0 |
| 0 | US 4193132 A | USPAT | 19800318 | 6 | Rain-shielded welder's ma | ısk | 2/8; | |
| | Peterson, Edwin E. | | | | | | _, , | |
| 0 | US 4198114 A | USPAT | 19800415 | 28 | Magnifying optical system | n 359/376 | Zapp, V | Valter . |
| 0 | US 4200966 A | | 19800506 | 9 | Apparatus for fixing metal | | · · · · · · · | 29/243.5 |
| | Nakao, Masatane, et al. | | | | | • | | |
| 0 | US 4210147 A | USPAT | 19800701 | 7 | Head tourniquet having in | cision closing cap | ability | |
| | 606/202 Nestor, Jack, et | | | | , | | | |
| 0 | US 4226231 A | | 19801007 | 9 | Fracture board | 128/870; | Anderse | en, Arthur |
| L. | | | | | | · · · · · · · · · · · · · · · · · · · | | |
| 0 | US 4281955 A | USPAT | 19810804 | 23 | Method and apparatus for | unloading bulk m | ail vans | |
| | 414/398 McWilliams, Jos | | 17010001 | | The state of the s | | | |
| 0 | US 4298913 A | | 19811103 | 7 | Illuminating apparatus | 362/103 | Lozar. N | Michael J. |
| Õ | US 4364294 A | | 19821221 | 14 | Horizontal power band say | | | Eccardt, |
| Curtis J | | 001111 | 1,021221 | | Tronzoniai power otana sa | •• | 03/ / 70 | Doourut, |
| 0 | US 4376366 A | USPAT | 19830315 | 5 | Safety halter for horses | 54/24 | Miller, | Nathan |
| W. | 05 157050011 | 001111 | 17050515 | | Surety named for morses | 31,21 | | · ········ |
| 0 | US 4402316 A | HSPAT | 19830906 | 9 | Breathing gas mask | 128/201 | 15 | |
| v | Gadberry, Donald L. | 001111 | 17030700 | | Divading gas mask | 120/201 | 15 | |
| 0 | US 4457717 A | HSPAT | 19840703 | 8 | Apparatus to help learning | nictorial art | | 434/88 |
| U | Chika, John J. | 001111 | 17010705 | • | ripparatus to norp toarning | , protoriur urt | | 454700 |
| 0 | US 4468023 A | HSPAT | 19840828 | 13 | Aquatic neck exercise asse | embly | 482/10 | |
| V | Solloway, Daniel S. | 001711 | 17040020 | 13 | riquido nook exercise asse | Jiiioiy | 402/10 | |
| 0 | US 4468143 A | IISPAT | 19840828 | 10 | Device for the mounting o | f a printing head : | and for th | e |
| mountii | | | | 10 | 400/248 Volke, Hans-Wei | | mu ioi ui | |
| 0 | US 4484575 A | | 19841127 | 11 | Loose fitting supplied air | | | • |
| U | | | F., et al. | 11 | boose many supplied and | espirator nood | | |
| 0 | US 4497588 A | | 19850205 | 11 | Printing or typing apparatu | is with a rotating | nlaten as | well as |
| guide | devices for the paper | ObiAi | 400/645.1 | | Hans-Werner, et al. | as with a rotating | piaten as | wen as |
| 0 | US 4511225 A | HSPAT | 19850416 | 6 | Variable neutral density la | ser angales | | 351/49 |
| U | Lipson, Herbert G. | 051 A 1 | 17050410 | U | variable fleutar defisity fa | ser goggies | | 331147 |
| 0 | US 4512742 A | TAGZII | 19850423 | 5 | Holder for rubber dental d | am | 433/136 | |
| U | Shanel, Kathleen A. | OSIAI | 17030423 | , | Troider for rubber deniar d | ann | 433/130 | ', |
| 0 | US 4527982 A | HICDAT | 19850709 | 11 | Body coordination training | n aid | 434/258 | |
| U | Salzman, Norman, et al. | OSIAI | 17030707 | 11 | Dody coordination training | 5 aiu | 737/230 | • |
| 0 | US 4531467 A | TICDAT | 19850730 | 15 | Thread take-up arm mecha | niem for automat | ic color c | hange |
| embroio | | | Golia, Jr., Domir | | | misin for automat | 10 00101 0 | mange |
| 0 | US 4534089 A | | 19850813 | 9 | Fastening device for flexib | ale sheets | 24/559 | Swan |
| Thomas | | 001711 | 17030013 | • | Tastelling device for mexic | no snocts | 21,337 | |
| 0 | US 4536096 A | IISPAT | 19850820 | 6 | Print head carriage mechan | nism including a c | lrive belt | |
| U | | ı, Terry L | | · · | 1 11th hour our ago mooned | inom moraama a c | | |
| 0 | US 4551584 A | | 19851105 | 7 | Earphone set | 381/377 Mathias | en Herlu | ıf S |
| Ö | US 4561162 A | | 19851231 | 10 | Method of making loose fi | | • | |
| v | 29/428 Brockway, Brock | | | | Tribunou of maning roose in | cuing supplied un | . osp.: | |
| 0 | US 4583946 A | | 19860422 | 7 | Holder for rubber dental d | am | 433/136 | • |
| U | Shanel, Kathleen A. | OSIAI | 17000422 | • | Troider for rubber dental d | ши | 155/150 | , |
| 0 | US 4609786 A | TICDAT | 19860902 | 18 | Band and the headphone u | tilizing the same | | 381/383 |
| U | Omoto, Hideo, et al. | OSLAI | 17000702 | 10 | Dana and the neadphone of | dinzing die same | | 301/303 |
| 0 | US 4621406 A | IISPAT | 19861111 | 26 | Electronic component inse | ertion annaratus | | 29/564.2 |
| v | Fujiwara, Koji, et al. | OPLAI | 17001111 | 20 | Zioutoine component fiisc | appmatus | | -2,001.2 |
| 0 | US 4633531 A | IISDAT | 19870106 | 8 | Tension mounting for face | guard | 2/424 | |
| U | Nimmons, Kenneth W. | USIAI | 19870100 | O | Tension mounting for face | guaru | 21727 | |
| Λ | US 4677976 A | TICDAT | 19870707 | 12 | Emergency mask | 128/201.25 | Fujinum | 12 |
| 0 Katsum | | OSFAI | 170/0/0/ | 12 | Emergency mask | 120/201,23 | ւ այւււաւ | , |
| 0 | US 4697783 A | TICDAT | 19871006 | 9 | Quick release night vision | gaggle mounting | bracket | |
| U . | | | liam A., et al. | , | Zuiek icioase mgm vision | Poggie momining | JIUONOL | |
| 0 | US 4709702 A | | 19871201 | 10 | Electroencephalographic c | an | 600/383 | Sherwin, |
| Gary W | | ODIAI | 170/1401 | 10 | | ~P | 000,000 | ~····································· |
| Jaiy W | • | | | | | | | |

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| 0 | US 4756246 A | USPAT 19880712 | 10 | Lubrication system for print hammer pivot pin |
|--------------|---|-------------------------------|---------------------|--|
| | | sek, Thomas J., et al. | | |
| 0 | US 4758909 A | USPAT 19880719 | 10 | Magnetic recording or reproducing device 360/267 |
| 0 | Harase, Toshikatu US 4768416 A | USPAT 19880906 | 8 | Stringed instrument display attachment 84/453 |
| 0 | Boyer, David J. | USFA1 19000900 | 0 | Sumged instrument display attachment 84/433 |
| 0 | US 4793001 A | USPAT 19881227 | 6 | Full facial shield assembly 2/418 Accardi, Vito A. |
| Ö | US 4853973 A | USPAT 19890808 | 9 | Welding helmet 2/8 Boochard, E. L. |
| ő | US 4871310 A | USPAT 19891003 | 17 | Functional orthopedic magnetic appliances (fomas) |
| v | 433/19 Vardimon, Ale | | | c and a market and |
| 0 | US 4877346 A | USPAT 19891031 | 37 | Sheet feed hopper for insertion machine 400/624 |
| | Guenther, Kenneth L., | et al. | | ** |
| 0 | US 4889490 A | USPAT 19891226 | 7 | Dental mask 433/136; Jenkinson, |
| Jeffrey | A. | | | |
| 0 | US 4907582 A | USPAT 19900313 | 5 | Swivel clip attachment for diver breathing tube |
| | | errose, Kurt E. | | |
| 0 | US 4964556 A | USPAT 19901023 | 9 | Forms feed tractor with lid which facilitates forms alignment |
| _ | 226/74 Ferguson, Gre | | _ | |
| 0 | US 4986650 A | USPAT 19910122 | . 6 | Sun glasses for water sports 351/156 |
| 0 | Wilhelmi, Gene | 11CD AT 10010212 | 10 | A |
| 0 | US 4998775 A | USPAT 19910312 | 12 | Apparatus for precision cutting of concrete surfaces |
| 0 | 299/39.3Hollifield, Dav US 5052378 A | USPAT 19911001 | 21 | Portable traction apparatus 606/242 Chitwood, Ralph |
| 0 M. | US 3032376 A | USFA1 19911001 | 21 | Fortable traction apparatus 000/242 Chitwood, Kaiph |
| 0 | US 5054479 A | USPAT 19911008 | 6 | Safety visor having a rotatably mounted shield and filter |
| U | | and, David R., et al. | Ü | Salety visor having a rotationy mounted sheld and inter |
| 0 | US 5085219 A | USPAT 19920204 | 17 | Adjustable holders for magnetic reasonance imaging RF |
| surface | | 122 Ortendahl, Douglas A | | . rajubidore notaero roi mugnedo redociames mugnig ru |
| 0 | US 5102075 A | USPAT 19920407 | 18 | Bundle tie 248/61 Dyer, Edward . |
| 0 | US 5121508 A | USPAT 19920616 | 11 | Firefighter's helmet having head securing means |
| | 2/421 Grilliot, Willia | | | |
| 0 | US 5201332 A | USPAT 19930413 | 6 | Cap-shaped umbrella held to the head 135/16 |
| | Wu, Tze-Bing | | | |
| 0 | US 5214801 A | USPAT 19930601 | 4 | Head brim for use during hair drying 2/174 |
| | Christensen, Willow M | | _ | |
| 0 | US 5226461 A | USPAT 19930713 | 8 | Strap crimp and crimping tool 140/152 |
| • | Macartney, Robert M., | et al. | 22 | A |
| 0 | US 5230347 A | USPAT 19930727 | 23 | Apparatus and method for measuring tactile sensation |
| | ed on the optic cornea | | - | |
| 0 off-cer | US 5233898 A ter position against he | USPAT 19930810 | 7 84/411 | Drum damper employing cushion held by adjustable straps in Montano, Anthony |
| 0 | US 5242347 A | USPAT 19930907 | 9 | Sit down facial and neck muscles exerciser device |
| U | 482/102 Keeton, Larry | | , | Sit down racial and neek muscles exercises device |
| 0 | US 5245897 A | USPAT 19930921 | 35 | System and method for advancing the leading edge of a |
| | | Arnold, Paul J., et al. | | System and meanous for autuments are reasons only of a |
| 0 | US 5263755 A | USPAT 19931123 | 5 | Portable carrier 294/165 Thompson, Steven C. |
| 0 | US 5275657 A | USPAT 19940104 | 35 | Apparatus for applying adhesive to a honeycomb half-cell |
| structu | | y, Joseph J., et al. | | |
| 0 | US 5296280 A | USPAT 19940322 | 35 | Process for making a honeycomb core from a honeycomb |
| half-ce | ll structure and honey | comb core made thereby | | 428/118 Lin, Pui-Yan, et al. |
| 0 | US 5324465 A | USPAT 19940628 | 35 | Apparatus and process for cutting a honeycomb half-cell |
| structu | | 264/138 Duffy, Josep | h J., et al. | |
| 0 | US 5327079 A | USPAT 19940705 | . 15 | Method and device for non-destructive testing of a penetration |
| of a | reactor pressure vessel l | | | |
| 0 | US 5331459 A | USPAT 19940719 | 15 | Night vision system and mounting assembly 359/409 |
| 0 | Dor, Amotz | 110D AT 10040016 | 20 | Calleraikle subsetchein 200/5 200 fedies III |
| 0 | US 5338048 A | USPAT 19940816 | 20 | Collapsible wheelchair 280/5.22Medina, Henry |
| 0 to mak | US 5340429 A | USPAT 19940823 | 35 Fy Joseph I | Apparatus and process for stacking sheets of half-cell structure |
| to mak 0 | e a honeycomb core US 5348141 A | 156/288 Duf USPAT 19940920 | iy, Joseph J. 20 | Material handling system 198/801 Campbell, Bruce |
| J., et a | | USLAI 1774U72U | 20 | waterial manuffing system 170/001 Campoon, Diuce |
| J., Cl a | 4, | | | |

| _ | 770 50 40000 A | TIODAT | 10040027 | 10 | Chatch | 1. 61 1 1 | |
|--------------|---|----------|------------------------------|-------------|---|------------------|------------------|
| 0 | US 5349882 A 74/572 Kamio, Takenor | | 19940927 | 12 | Clutch wear-compensating compo | una nywneei | assembly |
| 0 | US 5381486 A | | 19950110 | 8 | Communications headset having a | universal ioi | nt-mounted |
| = | hone boom | | Ludeke, Christin | | | , | |
| 0 | US 5419752 A | | 19950530 | 17 | Muscle exercise apparatus for the | physically dis | sabled |
| | 601/5 James, Jay D., e | | | | | | |
| 0 | US 5438979 A | USPAT | 19950808 | 5 | Nasal cannula support | 128/207.18 | Johnson, |
| | hur L., et al. | TIODAM | 10050015 | 0 | O id at a second and a second | 1 4/1 | 1.11 |
| 0 | US 5441046 A | | 19950815 | 9 | Quick release mechanism for nasa | i and/or orai | gas delivery |
| mask | 128/207.11 US 5446788 A | | ohn R., et al. 19950829 | 11 | Adjustable telephone headset | 37 | 9/430 Lucey, |
| 0 Robert | E., et al. | USFAI | 19930029 | 11 | Adjustable telephone neadset | 31 | 9/430 Lucey, |
| 0 | US 5469505 A | USPAT | 19951121 | 9 | Communications headset having a | ball joint-me | ounted receiver |
| assemb | | | Phillip A., et al. | - | | J | |
| 0 | US 5469760 A | | 19951128 | 11 | Clutch wear-compensating compo | und flywheel | assembly |
| | 74/572 Kamio, Takenor | i | | | | - | - |
| 0 | US 5553560 A | | 19960910 | 89 | Sewing machine and work fabric h | ıolder device | thereof |
| | 112/103 Tajima, Ikuo, et | | | _ | | | |
| 0 | US 5558428 A | USPAT | 19960924 | 7 | Portable reading light device | · 36 | 52/105 Lehrer, |
| | A., et al. | TICDATE | 100/1110 | 7 | TTi ab a i albite abate a a and ba | 24 | /1/0 7 |
| 0 Danid | US 5575044 A | USPAT | 19961119 | 7 | High visibilty belt assembly | 24 | 168 Zornes, |
| David . | A. US 5593355 A | TICDAT | 19970114 | 9 | Golf practice apparatus | 173/278 Ba | eaver, Michael |
| L. | 08 333333 A | USIAI | 177/0114 | , | Con practice apparatus | 4131216 DC | caver, renermen |
| 0 | US 5597018 A | USPAT | 19970128 | 22 | Bundle tie tightening and cut off to | ool | |
| • | | n, Barry | | | | | |
| 0 | US 5600870 A | | 19970211 | 8 | Articulating hinge assembly | 16 | 5/342 Fields, |
| Kyle D | , , et al. | | | | | | |
| 0 | US 5606743 A | | 19970225 | 26 | | 7 Vogt, Paul | |
| 0 | US 5616204 A | USPAT | 19970401 | 36 | Transfer head for holding half-cell | structure | 156/156 |
| 0 | Duffy, Joseph J., et al. | TICDAT | 10070420 | 6 | Adoptive continue device for diagra | satio tostina | |
| 0 , | US 5624159 A 297/325 Celoni, Michael | | 19970429 | 0 | Adaptive seating device for diagno | istic testing | |
| 0 | US 5628769 A | | 19970513 | 14 | Method and devices for producing | comatosensc | ory stimulation |
| using | temperature | | Saringer, John H | | ividuod and devices for producing | Somatosonse | ny samuaton |
| 0 | US 5638551 A | | 19970617 | 9 | Helmet including a device for fixing | ng the helmet | t to the |
| - | al portion of a user's hea | | 2/421 | Lallema | nd, Jean-Luc | | |
| | US 5660174 A | | 19970826 | 8 | Buccal respiration mask | 128/206.24 | |
| | Jacobelli, Chantal | | | | • | | |
| 0 | US 5673690 A | USPAT | 19971007 | 10 | Breathing mask 128/200 | 5.24 Ta | yebi, Amad, et |
| al. | | | | | | | |
| 0 | US 5683277 A | | 19971104 | 16 | Intake device in engine for outboar | rd engine sys | tem |
| 0 | 440/88 Tsunoda, Masak | • | 10000000 | 20 | Niciona con collection has dead for use | | |
| 0 | US 5715321 A | | 19980203 | 20 | Noise cancellation headset for use | with stand of | r worn on ear |
| 0 | 381/92 Andrea, Douglas US 5724677 A | | 19980310 | 32 | Multi-part headband and respirator | r mack accem | hly and |
| 0 process | | USPAI | 2/206 Bryant, | | • | i iliask asseili | iory ariu |
| 0 | s for making same US 5730831 A | TISPAT | 19980324 | 14 | Adjustable tape width case sealer | 15 | 66/475 Jensen, |
| - | n E., et al. | USIAI | 17700324 | 14 | Adjustable tape within case scare | 13 | ortio Jensen, |
| 0 | US 5741174 A | USPAT | 19980421 | 24 | Multiple grinding machine with co | ontouring fee | d units |
| • | 451/307 Kaiser, Jr., Russe | | | | | <i>B</i> | |
| 0 | US 5767820 A | | 19980616 | 21 | Head-mounted visual display appa | ratus | 345/8 |
| | Bassett, Bruce R., et al. | | | | | | |
| 0 | US 5792085 A | | 19980811 | 8 | Pressure application unit for positi | oning verteb | ra |
| _ | 602/19 Walters, David J | | | | | | |
| 0 | US 5797955 A | | 19980825 | 13 | Pressure application unit for positi | oning verteb | ra |
| • | 606/204 Walters, David J | | | 7.5 | Marian India (11) | | |
| 0 | US 5815126 A | | 19980929 | 75 | Monocular portable communication | in and display | y system |
| 0 | 345/8 Fan, John C. C., | | 10001110 | 16 | Clamp for possissimal and carles | ion during of | Iministration of |
| 0 ocular | US 5832930 A medication | | 19981110 Martin, Neil F., | 16 et al | Clamp for nasolacrimal sac occlus | ion aming ac | mininguation of |
| ocular | IIICUICALIOII | 120/070 | iviaitiii, incli F., | ot al. | | | |

| 0 | US 5898949 A | USPAT 19990504 | 13 | Head-protective helmet mounting member f | for mounting |
|----------|---------------------------|---------------------------|----------------|--|-------------------|
| | 1 0 | d head band | 2/416 | Barthold, Michael J., et al. | |
| 0 | US 5903395 A | USPAT 19990511 | 19 | Personal visual display system | 359/630 Rallison, |
| Richard | Dennis, et al. | | | | |
| 0 | US 5948295 A | USPAT 19990907 | 24 | Automatic machine for transversal connecti | on of metallic |
| bands | 219/125.1 | Perret, Jean, et al. | | | |
| 0 | US 5961372 A | USPAT 19991005 | 29 | | Shendon, Norm |
| 0 | US 5971823 A | USPAT 19991026 | 16 | Personal flotation device apparatus with har | nd-held tool |
| | 441/88 Sanso, David W. | | | | |
| 0 | US 5991085 A | USPAT 19991123 | 54 | Head-mounted personal visual display appa | ratus with image |
| generate | or and holder | 359/630 Rallison, Richard | Dennis . | , et al. | J |
| ŏ | US 5993463 A | USPAT 19991130 | 67 | Remote actuation of trajectory guide | 606/130 |
| | Truwit, Charles L. | • | | , , , | |
| 0 | US 6006408 A | USPAT 19991228 | 19 | Vinyl window frame weld seam cleaner | 29/33A |
| | Rogat, Gunar | | | · | |
| 0 | US 6032297 A | USPAT 20000307 | 12 | Head-protective helmet and assemblies ther | eof |
| V | 2/416 Barthold, Michael | | 12 | Troub protocol vo monimor and appointment and | 001 |
| 0 | US 6036625 A | USPAT 20000314 | 9 | Upper body exercise equipment | 482/121 |
| U | Woodruff, Allen C. | 051711 20000514 | , | opper oody exercise equipment | 102/121 |
| 0 | US 6056413 A | USPAT 20000502 | 5 | Cap lamp 362/106 Urso, C | harles I |
| 0 | US 6068374 A | USPAT 20000530 | 113 | | Kurata, Mitsuru, |
| | US 0008374 A | 03FAT 20000330 | 113 | image forming apparatus 347/100 | Kulata, Mitsuru, |
| et al. | TIC (070570 A | LICDAT 20000606 | 32 | Elastomeric composite headband | 128/207.11 |
| 0 | US 6070579 A | USPAT 20000606 | 32 | Erasiomene composite neadoand | 128/207.11 |
| • | Bryant, John W., et al. | HGD 17 20000710 | 10 | E: 400/121 | Calarah: |
| 0 | US 6090022 A | USPAT 20000718 | 10 | Exercise apparatus 482/131 | Colecchi, |
| Anthon | | ***** | • • | | 000 (100 T |
| 0 | US 6097809 A | USPAT 20000801 | 10 | Adjustable telephone headset | 379/430 Lucey, |
| | E., et al. | | | | |
| 0 | US 6102040 A | USPAT 20000815 | 13 | Breathing mask 128/206.24 | Tayebi, Amad, et |
| al. | | | | | |
| 0 | US 6116 7 31 A | USPAT 20000912 | 5 | Sunglasses with plug-in connection for an o | ptical spectacle |
| | 351/47 Fuchs, Gerhard | | | | • |
| 0 . | US 6119266 A | USPAT 20000919 | 7 | Welding hood with periscopic view piece | 2/8; |
| | Kennedy, David E., et al. | | | | |
| 0 | US 6123077 A | USPAT 20000926 | 22 | Flat-folded personal respiratory protection of | levices and |
| process | es for preparing same | 128/206.12 | Bostock | , Graham J., et al. | |
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| BRS | Ll | 331 | binding near2 sleeve | USPAT; EPO; JPO |
|-----|----|------|----------------------------|---------------------|
| BRS | L2 | 99 | 1 and pivot\$5 USPAT; | EPO; JPO |
| BRS | L3 | 1883 | head near2 belt USPAT; | ЕРО; ЈРО |
| BRS | L4 | 0 | 1 and 3 USPAT; EPO; JF | O |
| BRS | L5 | 362 | 3 and clamp\$5 USPAT; | EPO; JPO |
| BRS | L6 | 48 | head adj2 mount\$5 adj3 be | elt USPAT; EPO; JPO |
| BRS | L7 | 501 | head near4 magnif\$7 | USPAT; EPO; JPO |

| 0 | US 4099208 A | EPO | 19780704 | 10 | Facsimile scanning system | n TASAK | U, WADA , |
|-------------|----------------------------|----------|-------------------|----|-----------------------------|----------------------|----------------------|
| NOBC | RU, SASAMOTO, et al. | | | | | | |
| 0 | JP 58055274 A A | JPO | 19830401 | 4 | HEAD CARRIAGE FEE | DER | HIRANO, |
| YOSH | IKI , NISHIMURA, HIRO | YUKI , e | | | | | |
| 0 | JP 61274972 A PA | JPO | 19861205 | 1 | PRINTER | ODAKAWA, KA | ZUAKI |
| 0 | JP 62041075 A PA | JPO | 19870223 | 1 | PRINTING MECHANIS | M FOR PRINTER | |
| | YOKOYAMA, EISUKE | , IKEZA | WA, TORU | | | | |
| 0 | JP 63286358 A A | ЈРΟ | 19881124 | 3 | DOT PRINTER | UMEHARA, KI | YOSHI , |
| TANA | KA, HIDEЛ, et al. | | | | | | |
| 0 | JP 03132384 A A | JPO | 19910605 | 5 | RECORDER | HASEGAWA, T. | AKESHI - |
| 0 | JP 09234926 A A | JΡО | 19970909 | 9 | SERIAL PRINTER SYST | ГЕМ | YAMADA, |
| SЕIJ | | | | | | | |
| 0 | JP 10295423 A A | JPO | 19981110 | 5 | DUAL-PURPOSE STICK | FOR CAMERA | SUPPORT |
| | HASHIMOTO, MASAR | ùU | | | | | |
| 0 | US 3673417 A | | Г 19720627 | 5 | PHOTOELECTRIC SCA | NNING APPARA | TUS FOR |
| | CTING CODE MARKING | S 250/56 | 6 Wahli, Robert | | | | |
| 0 | US 3694574 A | | Г 19720926 | 8 | ELECTROSTATIC FAC | SIMILE PRINTER | 358/300 Gray. |
| | as J., et al. | | | | | · - | , |
| 0 | US 3726998 A | USPAT | Γ 19730410 | 6 | LIGHT PIPE ILLUMINA | TED SCAN REAL | DER 358/484 |
| · · | Szpak, Anthony D., et a | | | • | | | |
| 0 | US 3802022 A | | Г 19740409 | 14 | LITTER PICKUP VEHIC | CLE 15/84 | Fleming, Jerry A. |
| Ŏ | US 3826126 A | | Γ 19740730 | 10 | APPARATUS FOR TEST | | |
| | ONTAINERS 73/37 | | ro, Tomita | 10 | 7H 17H 411 66 1 610 1 E5 | into i tebbote | TEDIOTTITIOE |
| 0 | US 3844581 A | | Γ 19741029 | 4 | INFLATABLE SAFETY | RELT AND HEAD | D BAG 280/733 |
| U | Fox, John William | USI A | 17/41027 | • | IN EXTABLE SALETT | DEET AND THEA | D D/1G 200/133 |
| 0 | US 3884370 A | HICDAT | Γ 19750520 | 16 | System for sorting and pro | ocessing articles in | chiding flat mail |
| | 198/350 Bradshaw, Robe | | | 10 | System for sorting and pro | occssing articles in | Cidding that man |
| pieces 0 | US 4031669 A | | аг. Г 19770628 | 20 | Automatic profiling mach | ina 451/304 | Koide, Sakae, et |
| | US 4031009 A | USFA | 1 19770020 | 20 | Automatic proming maci | IIIC 431/304 | Koluc, Sakae, ci |
| al. | TIC 4029601 A | TICDAT | r 10770726 | 10 | Still image slide combinate | tion with cognantic | lly activated audio |
| 0 | US 4038691 A | | Γ 19770726 | 10 | Sun mage since comorna | non with sequentia | ily activated additi |
| channe | | | Martin E. | 0 | Esseimila sasmina davia | 259/476 A alsi Da | .m. at a1 |
| 0 | US 4075664 A | | Γ 19780221 | 8 | Facsimile scanning device | | |
| 0 | US 4099208 A | | Γ 19780704 | 10 | Facsimile scanning system | | |
| 0 . | US 4143409 A | | Г 19790306 | 8. | Transducer feeding mech | | |
| and | reproducing a signal on ar | | | | | hi, Yoshitaka, et al | |
| 0 . | US 4193373 A | | Г 19800318 | 11 | Spray apparatus for apply | ing ingredient coat | ings to food |
| - | ts 118/17 Hanson, Jr., Ha | | | | | 0.00/4/0.337 1. 75 | |
| 0 | | | 19810127 | 14 | Facsimile signal converte | | |
| 0 | US 4330806 A | | Г 19820518 | 8 | Transducer feeding mecha | | |
| and | reproducing a signal on ar | | | _ | | hi, Yoshitaka, et al | l . |
| 0 | US 4512224 A | | Г 19850423 | 7 | | Terauchi, Isamu | |
| 0 | US 4540943 A | USPAT | Г 19850910 | 6 | Belt-supported swingable | metal detector | 324/326 Akers, |
| Oliver | | | | | | | |
| 0 | US 4582312 A | USPAT | Γ 19860415 | 25 | Printing apparatus for inse | ertion machine | 270/1.03 Abrams, |
| Jack, | | | | | _ | | |
| 0 | US 4678042 A | | Γ 19870707 | 8 | Method and apparatus for | cutting an athletic | field line72/15.1 |
| | Barton, James W., et al. | | | | | | |
| 0 | US 4756554 A | USPAT | Γ 19880712 | 9 | Clamping device for motor | or vehicle safety be | lts 280/806 |
| | Tibbe, Gunter | | | | | | |
| 0 | US 4779479 A | | Г 19881025 | 20 | Apparatus for applying a | constant tensile for | ce to a moving |
| elemer | nt 74/501.6 Abrams, Jack, | et al. | | | | | |
| | | | | | | | |

| 0 | US 4810571 A | | 19890307 | 8 | Synthetic sheet composite 442/337 Guthrie, David W. | |
|--|----------------------------|-----------|-------------------|----------|--|--|
| 0 W. | US 4818585 A | USPAI | 19890404 | 7 | Agricultural protective fabric 428/198 Shipp, Jr., Peter | |
| 0 | US 4879000 A | USPAT | 19891107 | 8 | Process for determining dimension errors 162/198 Gausa, | |
| Alexan | | | | | | |
| 0 | US 5031085 A | USPAT | 19910709 | 8 | Light tower apparatus 362/401 Rustin, Gregory E. | |
| 0 | US 5234266 A | USPAT | 19930810 | 10 | Traction stud 305/180 Musselman, James R., et al. | |
| 0 | US 5378886 A | USPAT | 19950103 | 4 | Magnetic head drive device having a cogged belt 235/449 | |
| | Stiernspetz, Allan, et al. | | | | 0 00 | |
| 0 | US 5379951 A | USPAT | 19950110 | 14 | Comminuting apparatus 241/60 Hughes, John H. | |
| 0 | US 5391867 A | USPAT | 19950221 | ·11 | Wide format scanner having a linear scanning element with a | |
| selectal | | | Grumberg, Manf | | | |
| 0 | US 5397423 A | | 19950314 | 12 | Multi-head die bonding system 156/362 Bantz, George H. | |
| , et al. | 05 0077 120 11 | 00 | | | 100/802 24114, 300/8011. | |
| 0 | US 5437228 A | LISPAT | 19950801 | 12 | Method and apparatus for printing adhesive backed media | |
| v | 101/288 Uland, David M | | 17720001 | | modulation printing deficitive decired media | |
| 0 | US 5526922 A | | 19960618 | 10 | High lift bucket 198/708 Clark, Philip G. | |
| 0 | US 5559543 A | | 19960924 | 27 | Method of making uniformly printing ink jet recording head | |
| U | 347/62 Komuro, Hiroka | | 17700724 | 2, | inclined of making unformly princing like jet recording nead | |
| 0 | US 5706932 A | | 19980113 | 23 | Apparatus and method of cleaning conveyor belts 198/495 | |
| U | White, Robert G. | USIAI | 17700113 | 23 | Apparatus and method of cleaning conveyor bens 176/475 | |
| ^ | US 5781823 A | TICDAT | 19980714 | 61 | Image forming appearing beginning a plumlity of image forming | |
| 0 | | | | | Image forming apparatus having a plurality of image forming | |
| section | 0 | | | 399/2 | Isobe, Minoru, et al. | |
| 0 | US 5812152 A | - | 19980922 | 23 | Image formation method for forming images on lenticular | |
| • ' | | intormati | on processing sys | tem prov | ided with such recording apparatus 347/2 Torigoe, | |
| Makoto | • | **** | 10001001 | • • | The state of the s | |
| 0 | US 5842795 A | USPAT | 19981201 | 16 | Printer with drive mechanism 400/185 Narita, Hiroshi, | |
| et al. | | | | | | |
| 0 | US 5907343 A | | 19990525 | 30 | Ink jet recording apparatus and cartridge for use in the same | |
| | 347/108 Takemura, Make | | | | | |
| 0 | US 5971540 A | | 19991026 | 8 | Magnifying spectacles with variable focus, variable | |
| magnification factor and automatic parallax compensation 351/158 Ofner, Anton Gerald | | | | | | |
| 0 | US 6000866 A | USPAT | 19991214 | 12 | Printer with sheet curl straightening device 400/120.01 | |
| | Funaki, Hitoshi, et al. | | | | | |
| | | | | | | |

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| 0 0 0 | US 6011653 A US 5923467 A US 5808801 A Nakayama, Shig | 20000104 19990713 19980915 eru, et al. | 34 7 25 | Head-mounted display 359/630 Karasawa, Joji Binocular bent-axis loupes 359/411 Pericic, Ljubomir, et al. Head mount display and an optical system for use in the display 359/630 |
|---------------------|--|---|---------------|---|
| 0 0 0 Mamo | US 5727251 A US 5706137 A US 5683160 A oru, et al. | 19980317 19980106 19971104 | 12 8 7 | Headband magnifier 2/15 Sherlock, Mary Frances, et al. Wide field of view imaging system 359/633 Kelly, Shawn L. Overhead projector with high illuminance lamp as light source 353/57 Fukaya, |
| 0 | US 5548841 A US 5523890 A Reaney, Mark | 19960827 19960604 | 11 9 | Headband magnifier 2/15 Sherlock, Mary F., et al. Video screen magnifier for virtual reality and game applications 359/802 |
| 0 | US 5214540 A US 5151722 A | 19930525 19920929 | 11 12 | Curved mirror optical systems 359/858 Yakimovsky, Yoram Video display on spectacle-like frame 351/158 Massof, Robert W., et al. |

| US 6040251 A | 20000321 | 53 | Garments of barrier webs 442/123 Caldwell, J. Michael |
|---|--|--|--|
| US 6006126 A | 19991221 | 32 | System and method for stereotactic registration of image scan data 600/426 Cosman, |
| Eric R. | | | |
| US 5971540 A | 19991026 | | Magnifying spectacles with variable focus, variable magnification factor and |
| automatic paralla | | | Ofner, Anton Gerald |
| US 5965850 A | 19991012 | | Non-electronic hearing aid 181/129 Fraser, Robert D. |
| US 5933862 A | 19990810 | 11 | Articulating visor apparatus 2/12 Landis, Timothy J. |
| US 5912116 A | 19990615 | | Methods of measuring analytes with barrier webs 435/5 Caldwell, J. Michael |
| US 5893174 A | 19990413 | 5 | Non-discard protective facemask/helmet assembly 2/424 Primeau, Charles W. |
| US 5874164 A | 19990223 | | Barrier webs having bioactive surfaces 428/306.6 Caldwell, J. Michael |
| US 5856245 A | 19990105 | 54 | Articles of barrier webs 442/76 Caldwell, J. Michael, et al. |
| US 5841509 A | 19981124 | | Electro-optic binocular indirect ophthalmoscope 351/221 Harooni, Mark, et al. Monocular portable communication and display system 345/8 Fan, John C. C., |
| US 5815126 A | 19980929 | 75 | Monocular portable communication and display system 345/8 Fan, John C. C., |
| et al. US 5807284 A | 19980915 | 29 | Inertial orientation tracker apparatus method having automatic drift compensation for |
| | | | ed body 600/595 Foxlin, Eric M. |
| US 5800042 A | 19980901 | 8 | Adjustable headlamp system 362/105 Blank, Stephen E. |
| US 5796843 A | 19980818 | 46 | Video signal and audio signal reproducing apparatus 381/17 Inanaga, Kiyofumi, et al. |
| US 5793341 A | 19980811 | 46 | Image display apparatus 345/8 Omori, Shigeru, et al. |
| US 5774096 A | 19980630 | 51 | Head mounted display 345/8 Usuki, Yoshinao, et al. |
| US 5748375 A | 19980505 | 73 | Magnifying lens and display apparatus 359/622 Yamana, Shinji |
| US 5696521 A | 19971209 | 13 | Video headset 345/8 Robinson, Jack D., et al. |
| US 5682608 A | 19971104 | 11 | Articulating visor apparatus 2/12 Landis, Timothy J. |
| US 5671087 A | 19970923 | 33 | Binocular type display system 359/410 Kawamura, Akira |
| | 19970923 | 9 | Method for simulating views of a scene using expanded pixel data to reduce the |
| US 5646640 A | data recalculations | | Gove, Robert J. |
| US 5645077 A | 19970708 | 28 | Inertial orientation tracker apparatus having automatic drift compensation for tracking |
| | other similarly siz | | 600/587 Foxlin, Eric M. |
| US 5644427 A | 19970701 | 56 | Image display apparatus 359/464 Omori, Shigeru, et al. |
| US 5642221 A | 19970624 | 9 | Head mounted display system 359/477 Fischer, Robert E., et al. |
| US 5640221 A | 19970617 | 12 | Binocular optical image-pickup equipment and binocular image-pickup system |
| | | | Should option make produption and onlocate make produp |
| | i ishikawa isolio | erai | |
| | l Ishikawa, Norio , 19970401 | | Self-conforming visor apparatus 2/12 Landis Timothy I. |
| US 5615414 A | 19970401 | 9 | Self-conforming visor apparatus 2/12 Landis, Timothy J. Ergonomic head band apparatus 2/418 Landis, Timothy J., et al. |
| US 5615414 A US 5608917 A | 19970401 19970311 | 9 7 | Ergonomic head band apparatus 2/418 Landis, Timothy J., et al. |
| US 5615414 A US 5608917 A US 5596433 A | 19970401 19970311 19970121 | 9 | |
| US 5615414 A US 5608917 A US 5596433 A 359/633 | 19970401 19970311 19970121 I Konuma, Osamu | 9 7 19 | Ergonomic head band apparatus 2/418 Landis, Timothy J., et al. Head-mounted image display apparatus having a prism with an aspherical surface |
| US 5615414 A US 5608917 A US 5596433 A 359/633 US 5594588 A | 19970401 19970311 19970121 I Konuma, Osamu 19970114 | 9 7 19 23 | Ergonomic head band apparatus 2/418 Landis, Timothy J., et al. Head-mounted image display apparatus having a prism with an aspherical surface Visual display 359/631 Togino, Takayoshi |
| US 5615414 A US 5608917 A US 5596433 A 359/633 US 5594588 A US 5587836 A | 19970401 19970311 19970121 I Konuma, Osamu 19970114 19961224 | 9 7 19 23 22 | Ergonomic head band apparatus 2/418 Landis, Timothy J., et al. Head-mounted image display apparatus having a prism with an aspherical surface Visual display 359/631 Togino, Takayoshi Visual display apparatus 359/630 Takahashi, Koichi, et al. |
| US 5615414 A US 5608917 A US 5596433 A 359/633 US 5594588 A US 5587836 A US 5548448 A | 19970401 19970311 19970121 Konuma, Osamu 19970114 19961224 19960820 | 9 7 19 23 | Ergonomic head band apparatus 2/418 Landis, Timothy J., et al. Head-mounted image display apparatus having a prism with an aspherical surface Visual display 359/631 Togino, Takayoshi |
| US 5615414 A US 5608917 A US 5596433 A 359/633 US 5594588 A US 5587836 A | 19970401 19970311 19970121 I Konuma, Osamu 19970114 19961224 | 9 7 19 23 22 5 | Ergonomic head band apparatus 2/418 Landis, Timothy J., et al. Head-mounted image display apparatus having a prism with an aspherical surface Visual display 359/631 Togino, Takayoshi Visual display apparatus 359/630 Takahashi, Koichi, et al. Work-magnifying face shield 359/802 Wagner, Otto W. |
| US 5615414 A US 5608917 A US 5596433 A 359/633 US 5594588 A US 5587836 A US 5548448 A US 5528419 A | 19970401 19970311 19970121 Konuma, Osamu 19970114 19961224 19960820 19960618 | 9 7 19 23 22 5 18 | Ergonomic head band apparatus 2/418 Landis, Timothy J., et al. Head-mounted image display apparatus having a prism with an aspherical surface Visual display 359/631 Togino, Takayoshi Visual display apparatus 359/630 Takahashi, Koichi, et al. Work-magnifying face shield 359/802 Wagner, Otto W. Flat-format binocular kit 359/408 Murrey, Russell C. |
| US 5615414 A US 5608917 A US 5596433 A 359/633 US 5594588 A US 5587836 A US 5548448 A US 5528419 A US 5499066 A | 19970401 19970311 19970121 Konuma, Osamu 19970114 19961224 19960820 19960618 | 9 7 19 23 22 5 18 | Ergonomic head band apparatus 2/418 Landis, Timothy J., et al. Head-mounted image display apparatus having a prism with an aspherical surface Visual display 359/631 Togino, Takayoshi Visual display apparatus 359/630 Takahashi, Koichi, et al. Work-magnifying face shield 359/802 Wagner, Otto W. Flat-format binocular kit 359/408 Murrey, Russell C. |
| US 5615414 A US 5608917 A US 5596433 A 359/633 US 5594588 A US 5587836 A US 5548448 A US 5528419 A US 5499066 A , et al. US 5495576 A | 19970401 19970311 19970121 Konuma, Osamu 19970114 19961224 19960820 19960618 19960312 | 9 7 19 23 22 5 18 14 | Ergonomic head band apparatus 2/418 Landis, Timothy J., et al. Head-mounted image display apparatus having a prism with an aspherical surface Visual display 359/631 Togino, Takayoshi Visual display apparatus 359/630 Takahashi, Koichi, et al. Work-magnifying face shield 359/802 Wagner, Otto W. Flat-format binocular kit 359/408 Murrey, Russell C. Optical instrument with a continuously adjustable zoom 351/221 Farmer, John W. Panoramic image based virtual reality/telepresence audio-visual system and method |
| US 5615414 A US 5608917 A US 5596433 A 359/633 US 5594588 A US 5587836 A US 5548448 A US 5528419 A US 5499066 A , et al. US 5495576 A | 19970401 19970311 19970121 1 Konuma, Osamu 19970114 19961224 19960820 19960618 19960312 | 9 7 19 23 22 5 18 14 | Ergonomic head band apparatus 2/418 Landis, Timothy J., et al. Head-mounted image display apparatus having a prism with an aspherical surface Visual display 359/631 Togino, Takayoshi Visual display apparatus 359/630 Takahashi, Koichi, et al. Work-magnifying face shield 359/802 Wagner, Otto W. Flat-format binocular kit 359/408 Murrey, Russell C. Optical instrument with a continuously adjustable zoom 351/221 Farmer, John W. Panoramic image based virtual reality/telepresence audio-visual system and method Glasses type display apparatus 345/8 Hara, Nobuyuki, et al. |
| US 5615414 A US 5608917 A US 5596433 A 359/633 US 5594588 A US 5587836 A US 5548448 A US 5528419 A US 5499066 A , et al. US 5495576 A 345/425 | 19970401 19970311 19970121 1 Konuma, Osamu 19970114 19961224 19960820 19960618 19960312 19960227 5 Ritchey, Kurtis J | 9 7 19 23 22 5 18 14 | Ergonomic head band apparatus 2/418 Landis, Timothy J., et al. Head-mounted image display apparatus having a prism with an aspherical surface Visual display 359/631 Togino, Takayoshi Visual display apparatus 359/630 Takahashi, Koichi, et al. Work-magnifying face shield 359/802 Wagner, Otto W. Flat-format binocular kit 359/408 Murrey, Russell C. Optical instrument with a continuously adjustable zoom 351/221 Farmer, John W. Panoramic image based virtual reality/telepresence audio-visual system and method |
| US 5615414 A US 5608917 A US 5596433 A 359/633 US 5594588 A US 5587836 A US 5548448 A US 5528419 A US 5499066 A , et al. US 5495576 A 345/423 US 5486841 A | 19970401 19970311 19970121 I Konuma, Osamu 19970114 19961224 19960820 19960618 19960312 19960227 5 Ritchey, Kurtis J 19960123 | 9 7 19 23 22 5 18 14 33 | Ergonomic head band apparatus 2/418 Landis, Timothy J., et al. Head-mounted image display apparatus having a prism with an aspherical surface Visual display 359/631 Togino, Takayoshi Visual display apparatus 359/630 Takahashi, Koichi, et al. Work-magnifying face shield 359/802 Wagner, Otto W. Flat-format binocular kit 359/408 Murrey, Russell C. Optical instrument with a continuously adjustable zoom 351/221 Farmer, John W. Panoramic image based virtual reality/telepresence audio-visual system and method Glasses type display apparatus 345/8 Hara, Nobuyuki, et al. Portable magnification apparatus for conducting medical examinations 359/432 Reed, |
| US 5615414 A US 5608917 A US 5596433 A 359/633 US 5594588 A US 5587836 A US 5548448 A US 5528419 A US 5499066 A , et al. US 5495576 A 345/423 US 5486841 A US 5479293 A | 19970401 19970311 19970121 I Konuma, Osamu 19970114 19961224 19960820 19960618 19960312 19960227 5 Ritchey, Kurtis J 19960123 | 9 7 19 23 22 5 18 14 33 | Ergonomic head band apparatus 2/418 Landis, Timothy J., et al. Head-mounted image display apparatus having a prism with an aspherical surface Visual display 359/631 Togino, Takayoshi Visual display apparatus 359/630 Takahashi, Koichi, et al. Work-magnifying face shield 359/802 Wagner, Otto W. Flat-format binocular kit 359/408 Murrey, Russell C. Optical instrument with a continuously adjustable zoom 351/221 Farmer, John W. Panoramic image based virtual reality/telepresence audio-visual system and method Glasses type display apparatus 345/8 Hara, Nobuyuki, et al. Portable magnification apparatus for conducting medical examinations 359/432 Reed, Ergonomic headset 381/375 Such, Ronald W. |
| US 5615414 A US 5608917 A US 5596433 A 359/633 US 5594588 A US 5587836 A US 5548448 A US 5528419 A US 5499066 A , et al. US 5495576 A 345/423 US 5486841 A US 5479293 A Theodore P. | 19970401 19970311 19970121 1 Konuma, Osamu 19970114 19961224 19960820 19960618 19960312 19960227 5 Ritchey, Kurtis J 19960123 19951226 | 9 7 19 23 22 5 18 14 33 8 | Ergonomic head band apparatus 2/418 Landis, Timothy J., et al. Head-mounted image display apparatus having a prism with an aspherical surface Visual display 359/631 Togino, Takayoshi Visual display apparatus 359/630 Takahashi, Koichi, et al. Work-magnifying face shield 359/802 Wagner, Otto W. Flat-format binocular kit 359/408 Murrey, Russell C. Optical instrument with a continuously adjustable zoom 351/221 Farmer, John W. Panoramic image based virtual reality/telepresence audio-visual system and method Glasses type display apparatus 345/8 Hara, Nobuyuki, et al. Portable magnification apparatus for conducting medical examinations 359/432 Reed, Ergonomic headset 381/375 Such, Ronald W. Surgical microscope apparatus 359/368 Fukaya, Takashi |
| US 5615414 A US 5608917 A US 5596433 A 359/633 US 5594588 A US 5587836 A US 5528419 A US 5499066 A , et al. US 5495576 A 345/423 US 5486841 A US 5479293 A Theodore P. US 5457751 A US 5420716 A US 5414544 A | 19970401 19970311 19970121 1 Konuma, Osamu 19970114 19961224 19960820 19960618 19960312 19960227 5 Ritchey, Kurtis J 19960123 19951226 19951010 19950530 19950509 | 9 7 19 23 22 5 18 14 33 8 14 17 13 | Ergonomic head band apparatus 2/418 Landis, Timothy J., et al. Head-mounted image display apparatus having a prism with an aspherical surface Visual display 359/631 Togino, Takayoshi Visual display apparatus 359/630 Takahashi, Koichi, et al. Work-magnifying face shield 359/802 Wagner, Otto W. Flat-format binocular kit 359/408 Murrey, Russell C. Optical instrument with a continuously adjustable zoom 351/221 Farmer, John W. Panoramic image based virtual reality/telepresence audio-visual system and method Glasses type display apparatus 345/8 Hara, Nobuyuki, et al. Portable magnification apparatus for conducting medical examinations 359/432 Reed, Ergonomic headset 381/375 Such, Ronald W. Surgical microscope apparatus 359/368 Fukaya, Takashi Display apparatus349/13 Aoyagi, Koji, et al. |
| US 5615414 A US 5608917 A US 5596433 A 359/633 US 5594588 A US 5587836 A US 5528419 A US 5499066 A , et al. US 5495576 A 345/423 US 5486841 A US 5479293 A Theodore P. US 5457751 A US 5420716 A US 5414544 A US 5281957 A | 19970401 19970311 19970121 1 Konuma, Osamu 19970114 19961224 19960820 19960618 19960312 19960227 5 Ritchey, Kurtis J 19960123 19951226 19951010 19950530 19950509 19940125 | 9 7 19 23 22 5 18 14 33 8 14 17 13 11 | Ergonomic head band apparatus 2/418 Landis, Timothy J., et al. Head-mounted image display apparatus having a prism with an aspherical surface Visual display 359/631 Togino, Takayoshi Visual display apparatus 359/630 Takahashi, Koichi, et al. Work-magnifying face shield 359/802 Wagner, Otto W. Flat-format binocular kit 359/408 Murrey, Russell C. Optical instrument with a continuously adjustable zoom 351/221 Farmer, John W. Panoramic image based virtual reality/telepresence audio-visual system and method Glasses type display apparatus 345/8 Hara, Nobuyuki, et al. Portable magnification apparatus 359/368 Fukaya, Takashi Display apparatus349/13 Aoyagi, Koji, et al. Portable computer and head mounted display 345/8 Schoolman, Arnold |
| US 5615414 A US 5608917 A US 5596433 A 359/633 US 5594588 A US 5587836 A US 5528419 A US 5499066 A , et al. US 5495576 A 345/423 US 5486841 A US 5479293 A Theodore P. US 5457751 A US 5420716 A US 5414544 A US 5281957 A US 5233598 A | 19970401 19970311 19970121 1 Konuma, Osamu 19970114 19961224 19960820 19960618 19960312 19960227 5 Ritchey, Kurtis J 19960123 19951226 19951010 19950530 19950509 19940125 19930803 | 9 7 19 23 22 5 18 14 33 8 14 17 13 11 21 | Ergonomic head band apparatus 2/418 Landis, Timothy J., et al. Head-mounted image display apparatus having a prism with an aspherical surface Visual display 359/631 Togino, Takayoshi Visual display apparatus 359/630 Takahashi, Koichi, et al. Work-magnifying face shield 359/802 Wagner, Otto W. Flat-format binocular kit 359/408 Murrey, Russell C. Optical instrument with a continuously adjustable zoom 351/221 Farmer, John W. Panoramic image based virtual reality/telepresence audio-visual system and method Glasses type display apparatus 345/8 Hara, Nobuyuki, et al. Portable magnification apparatus for conducting medical examinations 359/432 Reed, Ergonomic headset 381/375 Such, Ronald W. Surgical microscope apparatus 359/368 Fukaya, Takashi Display apparatus349/13 Aoyagi, Koji, et al. Portable computer and head mounted display 345/8 Schoolman, Arnold Information recording medium having a plurality of information tracks arranged in a |
| US 5615414 A US 5608917 A US 5596433 A 359/633 US 5594588 A US 5587836 A US 5528419 A US 5499066 A , et al. US 5495576 A 345/423 US 5486841 A US 5479293 A Theodore P. US 5457751 A US 5420716 A US 5233598 A predetermined re | 19970401 19970311 19970121 1 Konuma, Osamu 19970114 19961224 19960820 19960618 19960312 19960227 5 Ritchey, Kurtis J 19960123 19951226 19951010 19950530 19950509 19940125 19930803 ectilinear direction | 9 7 19 23 22 5 18 14 33 8 14 17 13 11 21 369/275 | Ergonomic head band apparatus 2/418 Landis, Timothy J., et al. Head-mounted image display apparatus having a prism with an aspherical surface Visual display 359/631 Togino, Takayoshi Visual display apparatus 359/630 Takahashi, Koichi, et al. Work-magnifying face shield 359/802 Wagner, Otto W. Flat-format binocular kit 359/408 Murrey, Russell C. Optical instrument with a continuously adjustable zoom 351/221 Farmer, John W. Panoramic image based virtual reality/telepresence audio-visual system and method Glasses type display apparatus 345/8 Hara, Nobuyuki, et al. Portable magnification apparatus for conducting medical examinations 359/432 Reed, Ergonomic headset 381/375 Such, Ronald W. Surgical microscope apparatus 359/368 Fukaya, Takashi Display apparatus349/13 Aoyagi, Koji, et al. Portable computer and head mounted display 345/8 Schoolman, Arnold Information recording medium having a plurality of information tracks arranged in a 3 Hoshi, Hiroaki, et al. |
| US 5615414 A US 5608917 A US 5596433 A 359/633 US 5594588 A US 5587836 A US 5528419 A US 5499066 A , et al. US 5495576 A 345/423 US 5486841 A US 5479293 A Theodore P. US 5457751 A US 5420716 A US 5233598 A predetermined re US 5173721 A | 19970401 19970311 19970121 1 Konuma, Osamu 19970114 19961224 19960820 19960618 19960312 19960227 5 Ritchey, Kurtis J 19960123 19951226 19951010 19950530 19950509 19940125 19930803 ectilinear direction 19921222 | 9 7 19 23 22 5 18 14 33 8 14 17 13 11 21 369/275 3 | Ergonomic head band apparatus 2/418 Landis, Timothy J., et al. Head-mounted image display apparatus having a prism with an aspherical surface Visual display 359/631 Togino, Takayoshi Visual display apparatus 359/630 Takahashi, Koichi, et al. Work-magnifying face shield 359/802 Wagner, Otto W. Flat-format binocular kit 359/408 Murrey, Russell C. Optical instrument with a continuously adjustable zoom 351/221 Farmer, John W. Panoramic image based virtual reality/telepresence audio-visual system and method Glasses type display apparatus 345/8 Hara, Nobuyuki, et al. Portable magnification apparatus for conducting medical examinations 359/432 Reed, Ergonomic headset 381/375 Such, Ronald W. Surgical microscope apparatus 359/368 Fukaya, Takashi Display apparatus349/13 Aoyagi, Koji, et al. Portable computer and head mounted display 345/8 Schoolman, Arnold Information recording medium having a plurality of information tracks arranged in a 3 Hoshi, Hiroaki, et al. Optical aid attachment for ear protectors 351/53 Green, Graham |
| US 5615414 A US 5608917 A US 5596433 A 359/633 US 5594588 A US 5587836 A US 5548448 A US 5528419 A US 5499066 A , et al. US 5495576 A 345/423 US 5486841 A US 5479293 A Theodore P. US 5457751 A US 5420716 A US 5420716 A US 5414544 A US 5233598 A predetermined re US 5173721 A US 4965887 A | 19970401 19970311 19970121 1 Konuma, Osamu 19970114 19961224 19960820 19960618 19960312 19960227 5 Ritchey, Kurtis J 19960123 19951226 19951010 19950530 19950509 19940125 19930803 ectilinear direction 19921222 19901030 | 9 7 19 23 22 5 18 14 33 8 14 17 13 11 21 369/275 3 18 | Ergonomic head band apparatus 2/418 Landis, Timothy J., et al. Head-mounted image display apparatus having a prism with an aspherical surface Visual display 359/631 Togino, Takayoshi Visual display apparatus 359/630 Takahashi, Koichi, et al. Work-magnifying face shield 359/802 Wagner, Otto W. Flat-format binocular kit 359/408 Murrey, Russell C. Optical instrument with a continuously adjustable zoom 351/221 Farmer, John W. Panoramic image based virtual reality/telepresence audio-visual system and method Glasses type display apparatus 345/8 Hara, Nobuyuki, et al. Portable magnification apparatus for conducting medical examinations 359/432 Reed, Ergonomic headset 381/375 Such, Ronald W. Surgical microscope apparatus 359/368 Fukaya, Takashi Display apparatus349/13 Aoyagi, Koji, et al. Portable computer and head mounted display 345/8 Schoolman, Arnold Information recording medium having a plurality of information tracks arranged in a 3 Hoshi, Hiroaki, et al. Optical aid attachment for ear protectors 351/53 Green, Graham Face protector for splash and spatter protection 2/9 Paoluccio, John A., et al. |
| US 5615414 A US 5608917 A US 5596433 A 359/633 US 5594588 A US 5587836 A US 5548448 A US 5528419 A US 5499066 A , et al. US 5495576 A 345/423 US 5486841 A US 5479293 A Theodore P. US 5457751 A US 5420716 A US 5420716 A US 5233598 A predetermined re US 5173721 A US 4965887 A US 4865438 A | 19970401 19970311 19970121 1 Konuma, Osamu 19970114 19961224 19960820 19960618 19960312 19960227 5 Ritchey, Kurtis J 19960123 19951226 19951010 19950530 19950509 19940125 19930803 extilinear direction 19921222 19901030 19890912 | 9 7 19 23 22 5 18 14 33 8 14 17 13 11 21 369/275 3 | Ergonomic head band apparatus 2/418 Landis, Timothy J., et al. Head-mounted image display apparatus having a prism with an aspherical surface Visual display 359/631 Togino, Takayoshi Visual display apparatus 359/630 Takahashi, Koichi, et al. Work-magnifying face shield 359/802 Wagner, Otto W. Flat-format binocular kit 359/408 Murrey, Russell C. Optical instrument with a continuously adjustable zoom 351/221 Farmer, John W. Panoramic image based virtual reality/telepresence audio-visual system and method Glasses type display apparatus 345/8 Hara, Nobuyuki, et al. Portable magnification apparatus for conducting medical examinations 359/432 Reed, Ergonomic headset 381/375 Such, Ronald W. Surgical microscope apparatus 359/368 Fukaya, Takashi Display apparatus349/13 Aoyagi, Koji, et al. Portable computer and head mounted display 345/8 Schoolman, Arnold Information recording medium having a plurality of information tracks arranged in a 3 Hoshi, Hiroaki, et al. Optical aid attachment for ear protectors 351/53 Green, Graham |
| US 5615414 A US 5608917 A US 5596433 A 359/633 US 5594588 A US 5587836 A US 5548448 A US 5528419 A US 5499066 A , et al. US 5495576 A 345/423 US 5486841 A US 5479293 A Theodore P. US 5457751 A US 5420716 A US 5420716 A US 5233598 A predetermined re US 5173721 A US 4965887 A US 4865438 A Wada, | 19970401 19970311 19970311 19970121 I Konuma, Osamu 19970114 19961224 19960820 19960618 19960312 19960227 S Ritchey, Kurtis J 19960123 19951226 19951010 19950530 19950509 19940125 19930803 ectilinear direction 19921222 19901030 19890912 Juro | 9 7 19 23 22 5 18 14 33 8 14 17 13 11 21 369/275 3 18 10 | Ergonomic head band apparatus 2/418 Landis, Timothy J., et al. Head-mounted image display apparatus having a prism with an aspherical surface Visual display 359/631 Togino, Takayoshi Visual display apparatus 359/630 Takahashi, Koichi, et al. Work-magnifying face shield 359/802 Wagner, Otto W. Flat-format binocular kit 359/408 Murrey, Russell C. Optical instrument with a continuously adjustable zoom 351/221 Farmer, John W. Panoramic image based virtual reality/telepresence audio-visual system and method Glasses type display apparatus 345/8 Hara, Nobuyuki, et al. Portable magnification apparatus for conducting medical examinations 359/432 Reed, Ergonomic headset 381/375 Such, Ronald W. Surgical microscope apparatus 359/368 Fukaya, Takashi Display apparatus349/13 Aoyagi, Koji, et al. Portable computer and head mounted display 345/8 Schoolman, Arnold Information recording medium having a plurality of information tracks arranged in a 3 Hoshi, Hiroaki, et al. Optical aid attachment for ear protectors 351/53 Green, Graham Face protector for splash and spatter protection 2/9 Paoluccio, John A., et al. Spectacles provided with a magnifier having an automatic focusing function 351/158 |
| US 5615414 A US 5608917 A US 5596433 A 359/633 US 5594588 A US 5587836 A US 5528419 A US 5499066 A , et al. US 5495576 A 345/422 US 5486841 A US 5479293 A Theodore P. US 5457751 A US 5420716 A US 5420716 A US 5414544 A US 5281957 A US 5233598 A predetermined re US 5173721 A US 4965887 A US 4865438 A Wada, US 4819270 A | 19970401 19970311 19970121 I Konuma, Osamu 19970114 19961224 19960820 19960618 19960312 19960227 5 Ritchey, Kurtis J 19960123 19951226 19951010 19950530 19950509 19940125 19930803 ectilinear direction 19921222 19901030 19890912 Juro 19890404 | 9 7 19 23 22 5 18 14 33 8 14 17 13 11 21 369/275 3 18 | Ergonomic head band apparatus 2/418 Landis, Timothy J., et al. Head-mounted image display apparatus having a prism with an aspherical surface Visual display 359/631 Togino, Takayoshi Visual display apparatus 359/630 Takahashi, Koichi, et al. Work-magnifying face shield 359/802 Wagner, Otto W. Flat-format binocular kit 359/408 Murrey, Russell C. Optical instrument with a continuously adjustable zoom 351/221 Farmer, John W. Panoramic image based virtual reality/telepresence audio-visual system and method Glasses type display apparatus 345/8 Hara, Nobuyuki, et al. Portable magnification apparatus for conducting medical examinations 359/432 Reed, Ergonomic headset 381/375 Such, Ronald W. Surgical microscope apparatus 359/368 Fukaya, Takashi Display apparatus349/13 Aoyagi, Koji, et al. Portable computer and head mounted display 345/8 Schoolman, Arnold Information recording medium having a plurality of information tracks arranged in a 3 Hoshi, Hiroaki, et al. Optical aid attachment for ear protectors 351/53 Green, Graham Face protector for splash and spatter protection 2/9 Paoluccio, John A., et al. |
| US 5615414 A US 5608917 A US 5596433 A 359/633 US 5594588 A US 5587836 A US 5528419 A US 5499066 A , et al. US 5495576 A 345/423 US 5486841 A US 5479293 A Theodore P. US 5457751 A US 5420716 A US 5414544 A US 5281957 A US 5233598 A predetermined re US 5173721 A US 4965887 A US 4865438 A Wada, US 4819270 A Lombas | 19970401 19970311 19970121 I Konuma, Osamu 19970114 19961224 19960820 19960618 19960312 19960227 S Ritchey, Kurtis J 19960123 19951226 19951010 19950530 19950509 19940125 19930803 ectilinear direction 19921222 19901030 19890912 Juro 19890404 rdo, Leonard | 9 7 19 23 22 5 18 14 33 8 14 17 13 11 21 369/275 3 18 10 8 | Ergonomic head band apparatus 2/418 Landis, Timothy J. , et al. Head-mounted image display apparatus having a prism with an aspherical surface Visual display 359/631 Togino, Takayoshi Visual display apparatus 359/630 Takahashi, Koichi , et al. Work-magnifying face shield 359/802 Wagner, Otto W. Flat-format binocular kit 359/408 Murrey, Russell C. Optical instrument with a continuously adjustable zoom 351/221 Farmer, John W. Panoramic image based virtual reality/telepresence audio-visual system and method Glasses type display apparatus 345/8 Hara, Nobuyuki , et al. Portable magnification apparatus for conducting medical examinations 359/432 Reed, Ergonomic headset 381/375 Such, Ronald W. Surgical microscope apparatus 359/368 Fukaya, Takashi Display apparatus349/13 Aoyagi, Koji , et al. Portable computer and head mounted display 345/8 Schoolman, Arnold Information recording medium having a plurality of information tracks arranged in a 3 Hoshi, Hiroaki , et al. Optical aid attachment for ear protectors 351/53 Green, Graham Face protector for splash and spatter protection 2/9 Paoluccio, John A. , et al. Spectacles provided with a magnifier having an automatic focusing function 351/158 Stereo dimensional recording method and microphone apparatus 381/26 |
| US 5615414 A US 5608917 A US 5596433 A 359/633 US 5594588 A US 5587836 A US 5528419 A US 5499066 A , et al. US 5495576 A 345/422 US 5486841 A US 5479293 A Theodore P. US 5457751 A US 5420716 A US 5420716 A US 5414544 A US 5281957 A US 5233598 A predetermined re US 5173721 A US 4965887 A US 4865438 A Wada, US 4819270 A | 19970401 19970311 19970121 I Konuma, Osamu 19970114 19961224 19960820 19960618 19960312 19960227 5 Ritchey, Kurtis J 19960123 19951226 19951010 19950530 19950509 19940125 19930803 ectilinear direction 19921222 19901030 19890912 Juro 19890404 | 9 7 19 23 22 5 18 14 33 8 14 17 13 11 21 369/275 3 18 10 | Ergonomic head band apparatus 2/418 Landis, Timothy J., et al. Head-mounted image display apparatus having a prism with an aspherical surface Visual display 359/631 Togino, Takayoshi Visual display apparatus 359/630 Takahashi, Koichi, et al. Work-magnifying face shield 359/802 Wagner, Otto W. Flat-format binocular kit 359/408 Murrey, Russell C. Optical instrument with a continuously adjustable zoom 351/221 Farmer, John W. Panoramic image based virtual reality/telepresence audio-visual system and method Glasses type display apparatus 345/8 Hara, Nobuyuki, et al. Portable magnification apparatus for conducting medical examinations 359/432 Reed, Ergonomic headset 381/375 Such, Ronald W. Surgical microscope apparatus 359/368 Fukaya, Takashi Display apparatus349/13 Aoyagi, Koji, et al. Portable computer and head mounted display 345/8 Schoolman, Arnold Information recording medium having a plurality of information tracks arranged in a 3 Hoshi, Hiroaki, et al. Optical aid attachment for ear protectors 351/53 Green, Graham Face protector for splash and spatter protection 2/9 Paoluccio, John A., et al. Spectacles provided with a magnifier having an automatic focusing function 351/158 |

| US 4634269 A | 19870106 | 9 | Film card camera and process for manufacturing duplicate film cards 355/100 Welp, |
|-----------------|------------------|------------|---|
| Ullrich, et al. | 10061104 | - | TI 1 Address Linear State Co. 240/77 February District |
| US 4621283 A | 19861104 | 7 | Head-mounted coaxial image system for surgeons 348/77 Feinbloom, Richard E. |
| US 4609786 A | 19860902 | 18 | Band and the headphone utilizing the same 381/383 Omoto, Hideo, et al. |
| US 4601540 A | 19860722 | 6 | Method and apparatus for the turning on and off of a signal in optical or optronic |
| devices 359/234 | Karning, Heinric | ch, et al. | |
| US 4529264 A | 19850716 | 5 | Device for sharp-edge illumination of an observation field lying in a preselectable |
| plane 385/31 | Schmidt, Wilhel | m, et al. | |
| US 4526473 A | 19850702 | 7 | Heads up sports timer with electronic time display 368/10 Zahn, III, Norman E. |
| US 4395731 A | 19830726 | 9 | Television microscope surgical method and apparatus therefor 348/53 Schoolman, |
| Arnold | | | |
| US 4339982 A | 19820720 | 6 | Snare bed strainer for snare drum 84/415 Hoshino, Masao |
| US 4198114 A | 19800415 | 28 | Magnifying optical system 359/376 Zapp, Walter |
| US 4173042 A | 19791106 | 9 | Head covering garment 2/174 Krzewinski-Morris, Henrietta |
| US 4141152 A | 19790227 | 7 | Piloting instrument 33/355R White, W. Gordon |
| US 4056310 A | 19771101 | 11 | Method and device for ophthalmoscopy 351/219 Shimizu, Hiroyuki, et al. |
| US 3747599 A | 19730724 | 6 | BACTERIAL CONTROL MASK 128/201.12 Malmin, Oscar |
| US 3704378 A | 19721128 | 13 | VIEWSCOPE FOR THE BLIND 250/222.1 Robb, Morse |
| US 3572931 A | 19710330 | 6 | SURFACE COMPARATOR 356/46 Adler, Hans |